



# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/715,722
		Filing Date	November 17, 2003
		First Named Inventor	Ralph A. DALLA BETTA
		Art Unit	3616
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	6 5 refs	Attorney Docket Number	220772010800

## ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  Form PTO-1449 + copy (2 pages) Five (5) references Return postcard
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<input checked="" type="checkbox"/> Information Disclosure Statement, supplemental (3 pages)	<input type="checkbox"/> Request for Refund	
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<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
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Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	MORRISON & FOERSTER LLP (Customer No. 25226) Jill A. Jacobson - 40,030
Signature	
Date	May 26, 2004

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: May 26, 2004

Signature: (Michelle Boothby)

PATENT  
Docket No. 220772010800



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Michelle Boothby

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Ralph A. DALLA BETTA et al.

Serial No.: 10/715,722

Filing Date: November 17, 2003

For: DEVICES AND METHODS FOR  
REDUCTION OF NO<sub>x</sub> EMISSIONS  
FROM LEAN BURN ENGINES

Examiner: Not Yet Assigned

Group Art Unit: 3616

**SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Pursuant to the USPTO notice dated July 11, 2003, waiving the requirement under 37 C.F.R. § 1.98 (a)(2)(i) to provide copies of U.S. Patents and U.S. Published Applications, copies of those references are not submitted. Copies of foreign documents and non-patent literature are submitted herewith. The Examiner is requested to make these documents of record in the application.

The documents listed on the attached Form PTO-1449 were cited in a International Search Report mailed on January 30, 2004 directed to a counterpart international or foreign application. A certification under 37 C.F.R. § 1.97(e)(1) follows:

I hereby certify that each item of information was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Supplemental Information Disclosure Statement.

This Supplemental Information Disclosure Statement is submitted:

- With the application; accordingly, no fee or separate requirements are required.
- Before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114. However, if applicable, a certification under 37 C.F.R. § 1.97(e)(1) has been provided.
- Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required. However, if applicable, a certification under 37 C.F.R. § 1.97(e)(1) has been provided above.
- After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
  - A fee is required. A check in the amount of \_\_ is enclosed.
  - A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
  - A Certification under 37 C.F.R. § 1.97(e) is provided above; accordingly; no fee is believed to be due.
- After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
  - A Certification under 37 C.F.R. § 1.97(e) is provided above and a check in the amount of \_\_ is enclosed.
  - A Certification under 37 C.F.R. § 1.97(e) is provided above and a Fee Transmittal form (PTO/SB/17 is attached to this submission in duplicate.)

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Supplemental Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. §1.17(p)) is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing **220772010800**. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: May 25, 2004

Respectfully submitted,

By: Jill A. Jacobson  
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Form PTO-1449 <b>INFORMATION DISCLOSED OR NOT IN CITATION IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>		Docket Number 220772010800	Application Number 10/715,722
		Applicant	Ralph A. DALLA BETTA et al.
		Filing Date November 17, 2003	Group Art Unit 3616
		Mailing Date May <u>26</u> , 2004	

**U.S. PATENT DOCUMENTS**

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	11/15/2001	2001/041153	Uwe			
	2.	04/04/2002	2002/038542	Hiroshi et al.			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	3.	06/05/2002	EP 1 211 394	Europe			
	4.	09/13/2001	DE 100 18 792	Germany			Abstract
	5.	08/10/1988	JP 63-68714	Japan			Abstract

**OTHER DOCUMENTS***(including author, title, Date, Pertinent Pages, Etc.)*

Examiner Initials	Ref. No.	Title
	6.	Jones M. R. et al. (1993). "Exhaust-Gas Reforming of Hydrocarbon Fuels," <i>Sae Technical Paper Series, Society of Automotive Engineers, Warendale, PA.</i> pp. 223-233.
	7.	International Search Report mailed on April 26, 2004, for PCT patent application no. PCT/US03/37022 filed on November 17, 2003, 7 pages.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.